ABSTRACT

The invention relates to compositions and methods useful in the labeling and identification of proteins.

The invention provides for highly soluble zwitterionic dye molecules where the dyes and associated

side groups are non-titratable and maintain their net zwitterionic character over a broad pH range, for example, between pH 3 and 12. These dye molecules find utility in a variety of applications, including use in the field of proteomics.

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